

V-347

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.

**PCT/RU05/000170**

INTERNATIONAL FILING DATE

**05 April 2005**

PRIORITY DATE CLAIMED

**03 September 2004**

TITLE OF INVENTION

**SYSTEM FOR CONTROLLING A SHELL-TYPE NUCLEAR REACTOR AND  
A TWO-POSITION SWITCH FOR THE PASSIVE PROTECTION THEREOF**

APPLICANT(S) FOR DO/EO/US

**KUDRYAVTSEV, Mikhail Yurievich**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:


1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13<sup>ter</sup>.2 and 37 CFR 1.821 - 1.825.
20. ☒ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☒ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. Express Mail Label No.
23. ☒ Other items or information:

**application data sheet**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |              |   |            |  |                  |
|---|--------------|---|------------|--|------------------|
| U.S. APPLICATION NO (if known, see 37 CFR 1.5)  |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/RU05/000170</b>                       |            | ATTORNEY'S DOCKET NUMBER<br><b>V-347</b> |                  |
| The following fees are submitted:   |              |   |            | <b>CALCULATIONS</b>                      | <b>PTO USE</b>   |
| 24. <input checked="" type="checkbox"/> Basic national fee .....  |              | <b>\$300</b>  |            | \$ <b>\$300.00</b>                       |                  |
| 25. <input checked="" type="checkbox"/> Examination fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....   |              | <b>\$100</b>  |            | \$ <b>\$200.00</b>                       |                  |
| All other situations .....  |              | <b>\$200</b>  |            |  |                  |
| 26. <input checked="" type="checkbox"/> Search fee .....  |              | <b>\$100</b>  |            |  |                  |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....   |              | <b>\$400</b>  |            | \$ <b>\$400.00</b>                       |                  |
| International Search Report prepared and provided to the Office .....   |              | <b>\$500</b>  |            |  |                  |
| All other situations .....  |              | <b>\$500</b>  |            |  |                  |
| <b>TOTAL OF 24, 25 and 26 =</b>   |              |   |            | \$ <b>\$900.00</b>                       |                  |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.   |              |   |            |  |                  |
| Total Sheets  | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |  |                  |
| - 100 =   | ()           | /50 =   | ()         | x \$250.00                               | \$ <b>\$0.00</b> |
| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |            | \$                                       |                  |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE       |  |                  |
| Total claims  | - 20 =       | ()  | x \$50.00  | \$ <b>\$0.00</b>                         |                  |
| Independent claims  | - 3 =        | ()  | x \$200.00 | \$ <b>\$0.00</b>                         |                  |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00   |              |   |            | \$ <b>\$0.00</b>                         |                  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |            | \$ <b>\$900.00</b>                       |                  |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |   |            | \$ <b>\$450.00</b>                       |                  |
| <b>SUBTOTAL =</b>   |              |   |            | \$ <b>\$450.00</b>                       |                  |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |   |            | \$ <b>\$0.00</b>                         |                  |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |            | \$ <b>\$450.00</b>                       |                  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +   |              |   |            | \$ <b>\$0.00</b>                         |                  |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |            | \$ <b>\$450.00</b>                       |                  |
|   |              |   |            | Amount to be                             | \$               |
|   |              |   |            | Amount to be                             | \$               |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.<br>A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>503036</b> . A duplicate copy of this sheet is enclosed.<br>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038. |              |   |            |  |                  |
| <b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b>   |              |   |            |  |                  |
| SEND ALL CORRESPONDENCE TO:   |              |   |            |  |                  |
| <b>Customer number 802</b><br><b>patenttm.us</b><br><b>P.O. Box 82788</b><br><b>Portland, OR 97282-0788 US</b>  |              |   |            |  |                  |
| <br>SIGNATURE<br><b>James H. Walters</b><br>NAME<br><b>35,731</b><br>REGISTRATION NUMBER  |              |   |            |  |                  |
| <b>503-224-0115</b>   |              |   |            |  |                  |